

Course Rotation

Bachelor of Science – Electrical Engineering

Required Core Courses	
Refer to DegreeWorks for General Education Requirements	46 hours

Required Intro to Engineering Courses			
Course Number	Course Title	Fall	Spring
MATH 2413	Calculus I	X	X
PHYS 2325	University Physics I	X	
PHYS 2125	University Physics I Lab	X	
PHYS 2326	University Physics II		X
PHYS 2126	University Physics II Lab		X
ECON 2301	Principles of Macroeconomics	X	
CHEM 1307	General Chemistry for Engineering Students	X	
CHEM 1117	General Chemistry for Engineering Students Lab	X	

Required Engineering Core Classes			
Course Number	Course Title	Fall	Spring
MATH 2414	Calculus II	X	X
MATH 2415	Calculus III	X	X
MATH 2320	Differential Equations	X	
MATH 2318	Linear Algebra	X	
ENGR 1201	Introduction to Engineering	X	X
ENGR 2305	Electric Circuits I	X	X

Electrical Engineering			
Course Number	Course Title	Fall	Spring
EE 319	Electric Circuits II (EL)	X	
EE 320	Circuit Laboratory	X	
EE 321	Digital Logic	X	X
EE 322	Digital Logic Laboratory	X	X
EE 325	Signals and Systems		X
EE 326	Signals and Systems Lab		X
EE 335	Electronics I	X	X
EE 336	Electronics Laboratory		X
EE 429	Basic Communication Theory	X	
EE 345	Introduction to Electromagnetic Theory	X	X
EE 307	Probability and Random Processes	X	
EE 490	EE Senior Design I	X	
EE 491	EE Senior Design II		X
CS 332	C++ Programming	X	
EE 365	Microprocessors	X	
EE 432	Control Systems		X
EE 445	Embedded Systems		X
EE 446	Embedded Systems Lab		X
EE 473	Power Systems	X	
ENGR 312	Engineering and Business Ethics		X

Course offerings are subject to change
 Summer courses are not shown